



ESAB STATION

FULLY MECHANISED WELDING STATION

SUBMERGED ARC (SAW) NARROW GAP – STRIP CLADDING (ESW) AND SEMI – AUTOMATIC WIRE CLADDING (GMAW/FCAW)

In January 2020, Ateliers de la Meuse installed a submerged arc narrow gap welding station with a mobile arm and twin head for strip and wire cladding.

The complete configuration, including a one-way rotator, turntable and positioner.

This fully automated installation allows the execution of deep circular and longitudinal submerged arc welds, offering cladding capabilities for the mentioned processes and all positions.

ESAB CAB 460C

Submerged arc narrow gap welding (SAW-NG)

- > Depth up to 350 mm with a minimum width of 18 mm
- > Mounted on a rotating column 2.5 m in height and with a 2.5 m horizontal arm

ESAB CAB 300C

2 welding heads: ESW and GMAW/FCAW

- > ESW: Welding with 30 mm or 60 mm electroslag strip (electroslag cladding)
- > GMAW/FCAW: Semi-automatic welding with solid wire or flux cored wire
- > Mounted on a rail-travelling rotating column 5 m in height, with a 3 m horizontal arm

ROTATORS

- > Can be used with both columns
- > Diameters accepted from 500 mm up to 6,000 mm max. 45 t

TURNTABLE AND POSITIONER

- > 1,800 mm plate, max. 10 t
- > 3,500 mm plate, max. 80 t

OVERHEAD CRANE

- > Max. 90 t
- > Hook height 9 m

